In the Claims:

Please amend claims 1 - 7, 9 - 16 and 18 - 19 to read as follows:

1. (Once Amended) Apparatus for producing a wide field of view, the apparatus comprising:

an image source to produce non identical spatial image fractions;

relay optics having a field of view associated with said image fractions; and

a redirecting unit coupled to said image source to direct said fractions to respective non identical spatial regions of a reflecting unit such that said fractions are viewed by a person as a spatially integrated image.

2. (Once Amended) The apparatus of claim 1, wherein said reflecting unit comprises diffractive optics formed therein.

3. (Once Amended) The apparatus of claim 2 wherein said diffractive optics comprises binary optics.

4. (Once Amended) The apparatus of claim 1 wherein said reflecting unit comprises diffractive optics on its inner and outer faces so to create a total zero optical power for the outer scene.

5. (Once Amended) The apparatus of claim 1, wherein the number of said fractions is at least two.

6. (Once Amended) The apparatus of claim 1, wherein said fractions are of different wavelength.

7. (Once Amended) The apparatus of claim 1, wherein said fractions are of different polarization.

9. (Once Amended) The apparatus of claim 1, wherein said redirecting unit comprises a polarized reflecting device.

10. (Once Amended) A helmet comprising:

a reflecting unit with operative connection to said helmet;

an image source to produce non identical spatial image fractions;

relay optics having a field of view associated with said image fractions; and

a redirecting unit coupled to said image source to direct said fractions to respective non identical spatial regions of said reflecting unit such that said fractions are viewed by a person as a spatially integrated image.

11. (Once Amended) The helmet of claim 10, wherein said reflecting unit comprises diffractive optics formed therein.

12. (Once Amended) The helmet of claim 11 wherein said diffractive optics comprises binary optics.

13. (Once Amended) The helmet of claim 10 wherein said reflecting unit comprises diffractive optics on its inner and outer faces so to create a total zero optical power for the outer scene.

14. (Once Amended) The helmet of claim 10, wherein the number of said fractions is at least two.

A11 cancel

15. (Once Amended) The helmet of claim 10, wherein said fractions are of different wavelength.

16. (Once Amended) The helmet of claim 10, wherein said fractions are of different polarization.

A12

18. (Once Amended) The helmet of claim 10, wherein said redirecting unit comprises a polarized reflecting device.

A1 Sub B3

19. (Once Amended) A method for producing a wide FOV, said method comprising:

producing non-identical spatial image fractions;

optically transferring said image fractions to a redirecting unit through relay optics having a FOV associated with said image fractions; and

directing said image fractions to respective non-identical spatial regions of a reflecting unit, such that said image fractions are viewed by a person as spatially integrated image.

New claims 20 - 23 have been added as follows:

A13

20. (New) The apparatus of claim 2 wherein said diffractive optics comprises holograms.

21. (New) The apparatus of claim 2 wherein said diffractive optics optic-powered implemented optics.

22. (New) The helmet of claim 11 wherein said diffractive optics comprises holograms.

23. (New) The helmet of claim 11 wherein said diffractive optics comprises optic-powered implemented optics.

Attached hereto is a marked-up version of the changes made by the current amendment. The attached pages are captioned **"Version with Markings to Show Changes Made"**.